

Amendments to the Written Description of the Specification

Applicant presents replacement paragraphs below indicating the changes with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

On page 1, after the title insert: --Background Of The Invention--;

On page 1, after "Background of the Invention" but before the first paragraph insert --Field of the Invention--;

On page 1, before the second paragraph beginning on line 10, insert --Discussion of the Related Art--;

On page 1, please amend the third paragraph, lines 10-24 as shown below:

--ISO standard 7816 defines the characteristics of the most widely used smart cards. This standard is thus used to define the characteristics of SIM cards or bank cards. ISO standard 7816-2 defines the number, function and position of electrical ~~contacts~~ contacts on the surface of the chip with a connected interface. The English version of ISO standard 7816-2 calls these contacts "pins". Surface pins are denoted C1 to C8 in this standard. Pin C1, also denoted Vcc, is used to make a power connection through which the chip on the card is supplied with power. Pin C2, also referred to as RST or Reset, transmits an external command signal initiating a chip ~~reinitialisation~~ reinitialization instruction sequence. Pin C3, also denoted CLK, transmits a clock signal to the chip. Pin C5, also denoted GND, provides an electrical ground common to the integrated circuit of the chip and the device connected to the chip. Pin C6, also called Vpp, is used to program an EEPROM on the chip if there is one. Pin C7, also called the I/O pin, provides a communication channel between the connected device and the chip. ISO standard 7816-2 has not yet assigned any use to pins C4 and C8.--

On page 2, please amend the first paragraph, lines 1-4 as shown below:

-- ISO standard 14443 in particular defines a radio-frequency communication protocol that ideally can communicate at up to 20 ~~centimetres~~ centimeters from the antenna. However the communication distance provided by the antenna is limited. The communication speed is also limited by the modulation frequency.--

On page 2, please amend the third paragraph, lines 9-13 as shown below:

--In general, antennas of these smart cards have a limited range. Furthermore, their range is strongly affected by their environment. In general, the presence of metallic parts (particularly a battery or other electrical circuits of a device in which the card is placed) deteriorate the range of the card. Furthermore, some small cards (for example a SIM card) cause lower antenna ~~performances~~ performance.--

On page 2, before line 17, insert --Summary of the Invention--;

On page 2, please replace the fifth paragraph, lines 17-29 with the paragraph shown below:

-- The process according to the invention, complying with the generic definition given ~~in the above, preamble, is essentially characterised in that it~~ comprises the following steps,[[:-]] supply of equipment fitted with at least one antenna and at least two pins connected to the antenna; [[-]] supply of a smart card with a chip supplied with[[[: -]]at least two surface pins [[-]] a processing module; [[-]] a radio-frequency interface associated with the processing module and connected to the surface pins of the card, the surface pins of the card being coupled to the pins of the equipment; and [[-]] transmission of electrical signals between the surface pins of the card and the antenna--

On page 3, please replace the fourth paragraph, lines 9-14 with the paragraph shown below:

-- The invention also relates to equipment with an antenna and a coupling interface that could be coupled to a smart card, in which: [[-]] the coupling interface has two pins that could be coupled to surface pins of a so-called smart card; and [[-]] the pins of the equipment are connected to the antenna.--

On page 3, before line 25, insert --Brief Description of the Drawings--;

On page 4, please amend the first paragraph, lines 1-2 as shown below:

--Figure 3, a block diagram of a second variant of a chip according to the invention; and--

On page 4, before line 5, insert --Detailed Description--;

On page 5, please amend the first paragraph, lines 1-7 as shown below:

--Using these variants, the processing module 25 is designed particularly to perform various typical logical functions of a smart card. In particular, an appropriate ~~micro-controller~~ microcontroller can be used as a processing module 25. The processing module 25 is, for

example, connected to surface pins C1 to C3 and C5 to C7, in a known manner ~~known-in-itself~~. The radio-frequency interface 22 is connected to the surface pins C4 and C8. The radio-frequency interface 22 is designed to process or generate electrical signals at appropriate frequencies.—

On page 6, please amend the second full paragraph, lines 11-23 as shown below:

-- Figure 4 shows a cell phone 4 designed to operate with a smart card 1 described above. A cell phone refers to any equipment that can perform the portable telephony function; therefore this term includes PDA (Personal Data Assistants), provided with a GSM function and any other similar equipment. The telephone 4 has a telephone body 5, a GSM communication antenna 6 and power supply contacts 7 to 10 designed to be coupled to a removable battery not shown, in a known manner ~~known-in-itself~~. The body 5 also includes a housing 12 in which a smart card with a given format can be fitted. A coupling interface including pins A1 to A8 is arranged for example in the bottom of the housing 12. Pins A1 to A8 are arranged so that they can be coupled by electrical contact to the surface pins C1 to C8 respectively, on a smart card 1 inserted in the housing 12. For the reasons mentioned above, an equipment connection interface according to ISO standard 7816-2 will be used in preference.--

On page 8, line 10, please insert:

--Having thus described at least one illustrative embodiment of the invention, various alterations, modifications, and improvements will readily occur to those skilled in the art. Such alterations, modifications, and improvements are intended to be within and scope of the invention. Accordingly, the foregoing description is by way of example only and is not intended as limiting. The invention is limited only as defined in the following claims and the equivalents thereto.

What is claimed is:--